

## 5MP Starlight IR Dome Network Camera

IPD-325IQ-28S



### Key Features



### Optics

- 1/2.7", Starlight
- Smart IR, up to 50m IR distance
- Up to 120 dB Optical WDR (Wide Dynamic Range)

### Smart

- Smart intrusion prevention, support false alarm filtering, include Cross Line, Intrusion, Enter Area, Leave Area detection
- Face capture, automatic selection of best snapshots, support face detection masked area
- People Counting, support people flow counting and crowd density monitoring, suitable for different statistical scenarios

### Compression

- Ultra 265, H.265, H.264, MJPEG
- Triple streams
- 2592\*1944@20fps in the main stream
- ROI (Region of Interest)

## Network

- ONVIF Conformance

## Structure

- DC12V or PoE power supply
- Wide voltage range of  $\pm 25\%$  in DC
- Micro SD, up to 256 GB
- Alarm 1 in and 1 out, Audio 1 in and 1 out
- IP67 ingress protection
- IK10 vandal resistant

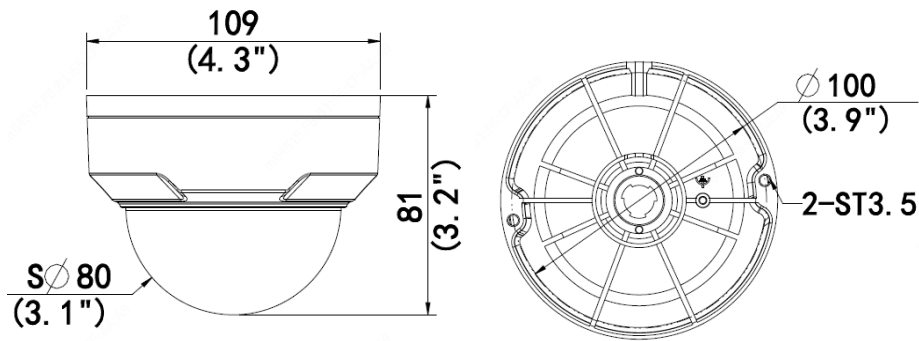
## Specifications

IPD-325IQ-28S					
<b>Camera</b>					
Sensor	1/2.7", 5.0 megapixel, progressive scan, CMOS				
Lens	2.8mm@F1.6				
Iris	Fixed				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63.0	25.2	12.6	6.3
	4.0	90.0	36.0	18.0	9.0
Angle of View (H)	97.7°				
Angle of View (V)	68.5°				
Angle of View (O)	127.1°				
Shutter	Auto/Manual, 1 ~ 1/100000s				
Adjustment angle	Pan: 0°~355°		Tilt: 0°~80°		Rotate: 0°~355°
Min. Illumination	Colour: 0.003lux (F1.6, AGC ON) 0 lux with IR				
WDR	120dB				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>56dB				
IR Range	Up to 50m IR range				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
Defog	Digital Defog				
<b>Video</b>					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
Frame Rate	Main Stream: 5MP (2592*1944), Max 20fps; 4MP (2560*1440), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps				
Video Bit Rate	128 Kbps~16 Mbps				
ROI	Supported				
Video stream	Triple streams				
OSD	Up to 8 OSDs				

Privacy Mask	Up to 8 areas (8 blacks/8 mosaics)
<b>Image</b>	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital noise reduction	2D/3D DNR
Smart IR	Support
Flip	Normal/Flip Vertical/Flip Horizontal/180°/90°Clockwise/90°Anti-clockwise
HLC	Support
BLC	Support
<b>Intelligent</b>	
Smart intrusion prevention	Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection
Recognition	Face capture Support face detection masked area
Statistical Analysis	People counting, support people flow counting and crowd density monitoring
<b>Events</b>	
Basic Detection	Motion detection, Audio detection, Tampering alarm
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Exception Detection And Statistics	Object Removed, Object Left Behind
<b>Audio</b>	
Audio Compression	G.711U, G.711A
Two-way Audio	Supported
Suppression	Supported
Sampling Rate	8kHz
<b>Storage</b>	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR, NAS(NFS)
<b>Network</b>	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Client	GuardStation GuardLive Guardview
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
<b>Interface</b>	
Audio I/O	Audio cable
	1 Input: impedance 35kΩ; amplitude 2V [p-p]
	1 output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	1/1
Network	1 * RJ45 10M/100M Base-TX Ethernet
<b>Certification</b>	
Certifications	CE: EN 60950-1 UL: UL 60950-1 FCC: FCC Part 15
<b>General</b>	
Power	DC12V (±25%), PoE (IEEE 802.3af)
	Power consumption: Max 4.2W

Dimensions (Ø x H)	Ø109 x 81mm
Weight	0.43kg
Working Environment	-40°C ~ 60°C, Humidity: ≤95% RH (non-condensing)
Storage Environment	-40°C ~ 70°C, Humidity: ≤95% RH (non-condensing)
Surge protection	2KV
Vandal Resistant	IK10
Ingress Protection	IP67

### Dimensions



### Accessories



Junction Mount	Pole Mount
TR-JB03-G-IN+ TR-A01-IN	TR-JB07/WM03-G-IN、 TR-WM03-D-IN+TR-UP06-IN
Tilted Mount	Wall Mount
TR-UM06-E-IN	TR-JB07/WM03-G-IN、 TR-WM03-D-IN